## U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. ATTORNEY'S DOCKET NUMBER TRANSMITTAL LETTER TO THE UNITED STATES 117454-003 **DESIGNATED/ELECTED OFFICE (DO/EO/US)** U.S. APPLICATION NO. (If known, see 37 CFR 1.5) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED PCT/JP2005/016281 October 4, 2004 September 6, 2005 TITLE OF INVENTION PROTECTION CIRCUIT APPLICANT(S) FOR DO/EO/US Yuji Furuuchi et al. Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). x A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). 6. X An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). has been previously submitted under 35 U.S.C. 154(d)(4). x Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). x An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). An English language translation of the annexes of the International Preliminary Examination Report under PCT 10. Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. X An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. X A preliminary amendment. 14 X An Application Data Sheet under 37 CFR 1.76. A substitute specification. A power of attorney and/or change of address letter. 17. l A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. 18. A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO-1390 (Rev. 07-2005)
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U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	ON NO. (if known, see 37 CFR 1.5)  INTERNATIONAL APPLICATION NO.  PCT/JP2005/016281		ATTORNEY'S DOCKET NUMBER 117454-003		
Other items or information: Forms PCT/IB/301; PCT/IB/304; PCT/IB/307; PCT/IB/308; and PCT/IB/311 Formal Drawings (4 sheets)					
The following fees have been submitted			CALCULATIONS	PTO USE ONLY	
21. X Basic national fee (37 CFR 1.492(a))			\$300		
Examination fee (37 CFR 1.492(c))  If the written opinion prepared by ISA/US or the internation by IPEA/US indicates all claims satisfy provision All other situations	\$200				
23. X Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority			\$400		
TOTAL OF 21, 22 and 23 =			900.00		
Additional fee for specification and drawings filed i sequence listing in compliance with 37 CFR 1. electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of					
	Number of each additional 50 or fraction RATE thereof (round up to a whole number)				
- 100 = /50 =	× \$250		\$	l	
Surcharge of \$130.00 for furnishing any of the search to after the date of commencement of the national stage	\$				
CLAIMS NUMBER FILED	NUMBER EXTRA	RATE	\$		
Total claims - 20 =		× \$ 50	\$		
Independent claims - 3 =		× \$200	\$		
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360			\$		
TOTAL OF ABOVE CALCULATIONS =			\$		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
SUBTOTAL =			\$		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			\$		
TOTAL NATIONAL FEE =			\$		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +			\$		
TOTAL FEES ENCLOSED =			\$		
			Amount to be refunded:	\$	
			Amount to be charged	\$ 900.00	

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a. A check in the amount of \$ to cover the above fees is enclosed.				
b. x Please charge my Deposit Account No. 02-1818 in the amount of \$_A duplicate copy of this sheet is enclosed.	900.00 to cover the above fees.			
c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-1818. A duplicate copy of this sheet is enclosed.				
d. Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.				
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.				
SEND ALL CORRESPONDENCE TO:				
Thomas C. Basso	SIGNATURE			
Bell, Boyd & Lloyd LLC	Thomas C. Basso			
P.O. Box 1135	NAME			
Chicago, IL 60690-1135	46,541			
	REGISTRATION NUMBER			